



WORLD HEADQUARTERS  
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APR 28 2005

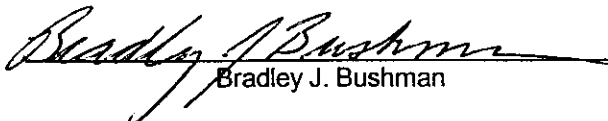
**COMPEL® SURGICAL GOWNS  
SAFETY AND EFFECTIVENESS SUMMARY**

The following information is being supplied in accordance with the Safe Medical Device Act of 1990.

807.92(a)

1. Standard Textile Company  
One Knollcrest Drive  
Cincinnati, Ohio 45237  
Contact Person: Brad Bushman  
(513) 761-9256 Extension 455
2. Device Name: ComPel® Surgical Gowns  
Developmental Name: ComPel® 'O' Surgical Attire/Gowns  
Common/Usual Name: Operating Room Gowns  
Classification Name: Surgical Attire
3. All the components used in ComPel® Surgical Gowns are made from 100% Dacron polyester filaments. ComPel 'O' fabrics are dyed and treated with a fluorocarbon finish.  
  
ComPel® 'O' Surgical Gowns will function as surgical attire when processed according to instructions through 75 complete cycles - wash, dry and sterilization. These products will be manufactured and distributed as non-sterile surgical gowns that are intended to be sterilized and processed (wash/dried) by health care facilities and/or contract sterilization/laundries companies.
4. ComPel® 'O' Surgical Gowns are intended to be used as surgical attire in an operating theater. The liquid barrier properties will inhibit the migration of liquids across its surface. Per ANSI/AAMI PB70:2003 standard, the 2-ply gowns with the flat felled seam design are classified as a Level 2 Barrier.
5. The tests that have been successfully completed include:
  - a. Suter Hydrostatic Testing AATCC #127-1980
  - b. Impact Penetration Testing AATCC 42-2000
  - c. Flammability - Code of Federal Regulations 1610 (CS-191-53)
  - d. Durability through 75 processings (wash, dry and sterilization).
  - e. Strength ASTM D-1682-75
  - f. Lint IST 160.0-83
  - g. Toxicity
    - i. Cytotoxicity MEM Elution (MG023)
    - ii. Primary Skin Irritation (FHSA)
  - h. Compatibility with Steam Sterilization

To the best of my knowledge, all data and information in the 510(k) are truthful and accurate, and that no material fact has been omitted.

  
Bradley J. Bushman



**DEPARTMENT OF HEALTH & HUMAN SERVICES**

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

APR 28 2005

Mr. Bradley J. Bushman  
Vice President, Technical Affairs  
Standard Textile Company, Incorporated  
One Knollcrest Drive  
P.O. Box 371805  
Cincinnati, Ohio 45237-1600

Re: K041539

Trade/Device Name: ComPel "O" Surgical Gowns with PB 70 Claims  
Regulation Number: 21 CFR 878.4040  
Regulation Name: Surgical Apparel  
Regulatory Class: II  
Product Code: FYA  
Dated: April 8, 2005  
Received: April 11, 2005

Dear Mr. Bushman:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

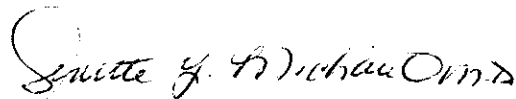
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital,

Infection Control and Dental Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known): #K041539

Device Name: ComPel Surgical Gowns

### Indications For Use:

ComPel Surgical gowns are medical devices that are intended to be worn by operating room personnel during surgical procedures to protect them by inhibiting the migration of liquids through the surface of the critical areas of the gown.

Surgical gowns may provide different levels of protection dependent upon the fabric materials and/or combinations of fabric materials used and the placement of such materials in the final design of the gown.

When processed according to instructions, ComPel Surgical gowns will function and perform as a surgical gown. The ComPel Surgical gowns are reusable through 75 wash, dry, and sterilization cycles. They are manufactured and distributed as non-sterile surgical gowns that are intended to be sterilized and processed by health care facilities and/or contract sterilization/laundry companies.

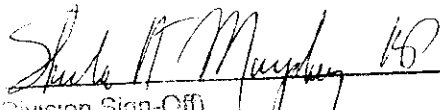
Prescription Use \_\_\_\_\_  
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use X  
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED.)

Concurrence of CDRH, Office of Device Evaluation (ODE)

  
(Division Sign-Off)  
Division of Anesthesiology, General Hospital,  
Infection Control, Dental Devices

510(k) Number K 041 539

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